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PATENT
00819

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit: 1713 :
Examiner: Harlan :
In re application of : A CATALYST SYSTEM FOR
Matyjaszewski et al. : CONTROLLED
Serial No.: 09/972,056 : POLYMERIZATION
Filed: October 5, 2001 :

INFORMATION DISCLOSURE STATEMENT

February 11, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

Applicants, in accordance with the duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advise the United States Patent and Trademark Office of the references listed on the accompanying Form PTO/SB/08 *Information Disclosure Statement by Applicant* (substitute for Form 1449A/PTO). A copy of each of the cited references is herewith enclosed.

Express Mail Number ER524411980US

Date of Deposit February 11, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

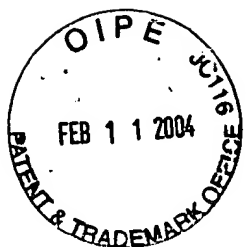
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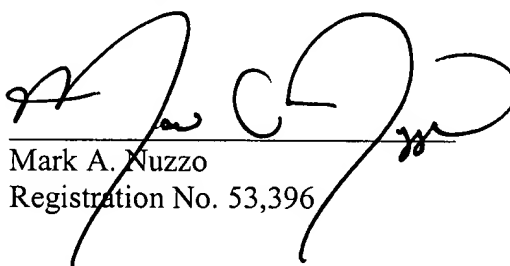


Applicants note that although the cited references may be relevant to the examination of the above-referenced application, under 37 C.F.R. § 1.97(h), the filing of this *Information Disclosure Statement by Applicant* "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)."

Applicants further note that the filing of this *Information Disclosure Statement by Applicant* is not an admission that the references cited herein constitute prior art under 35 U.S.C. §§ 102-103 with respect to the captioned application.

Pursuant to 37 C.F.R. § 1.97(c)(2), Applicants have included payment of the fee set forth in 37 C.F.R. § 1.17(p). Also, the Commissioner is hereby authorized to charge any additionally required fees deemed necessary for consideration of this *Information Disclosure Statement by Applicant* to Account No. 11-1110.

Respectfully submitted,



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PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 1 of 5		Complete if Known	
		Application Number	09/972,056
		Filing Date	October 5, 2001
		First Named Inventor	Matyjaszewski
		Art Unit	1713
		Examiner Name	Harlan
		Attorney Docket Number	00819

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		3,183,217	05/11/1965	Serniuk, et al.	
		3,959,225	05/25/1976	Kuntz	
		4,007,165	02/08/1977	MacLeay, et al.	
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		5,510,307	04/23/1996	Narayanan, et al.	
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		5,789,487	08/04/1998	Matyjaszewski, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP 0341012	11/08/1989			
		EP 0870809	10/14/1998			
		WO 00/56795	09/28/2000			
		WO 98/01480	01/15/1998			

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		6,538,091	03/25/2003	Matyjaszewski, et al.	
		6,624,262	09/23/2003	Matyjaszewski, et al.	
		6,624,263	09/23/2003	Matyjaszewski, et al.	
		6,627,314	09/30/2003	Matyjaszewski, et al.	

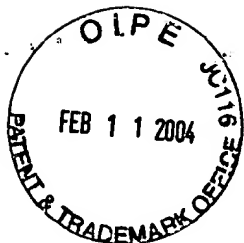
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		First Named Inventor	Matyjaszewski		
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Sheet	3	of	5	Attorney Docket Number	00819

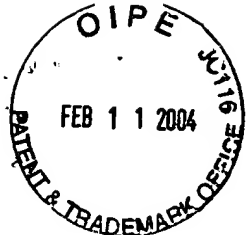
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		United States Patent application No 10/269,556 filed October 11, 2002. Attorney Docket No. 010686	
		United States Patent application No. 09/359,359 filed July 23, 1999. Attorney Docket No. 00169DIV3	
		United States Patent application No. 09/534,827 filed March 23, 2000 Attorney Docket No. 00093	
		United States Patent application No. 10/034,908 filed December 21, 2001. Attorney Docket No. 001153	
		United States Patent application No. 10/118,519 filed April 6, 2002. Attorney Docket No. 010314	
		United States Patent application No. 10/271,025 filed October 15, 2002. Attorney Docket No. 010687	
		United States Patent application No. 10/289,545 filed November 7, 2002. Attorney Docket No. 00163DIVCON	
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		CHEN ET AL., "Pryolytic Behavior and In-Situ Paramagnetism of Star-like C60(CH3)x(PAN)xcopolymers", European Polymer Journal, March 1, 1998, pp. 421-429, Vol. 34, No. 3-4, Elsevier Science Ltd., Oxford, GB,	
		DOROTA GRESZTA ET AL., "Gradient Copolymers of Styrene and Acrylonitrile Via Atom Transfer Radical Polymerization", Polymer Preprints, April 1997, pages 709-710, Vol 38(1).	

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		Filing Date	October 5, 2001		
		First Named Inventor	Matyjaszewski		
		Art Unit	1713		
		Examiner Name	Harlan		
Sheet	4	of	5	Attorney Docket Number	00819

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		GROMADA, J.; MATYJASZEWSKI, K. Macromolecules 2001, 34, 7664-7671.	
		JIN-SHAN WANG AND KRZYSZTOF MATYJASZEWSKI, "Controlled/Living" Radical Polymerization. Atom Transfer Radical Polymerization in the Presence of Transition-Metal Complexes". Reprinted from the Journal of the American Chemical Society, 1995, Vol. 117, No. 20.	
		JIN-SHAN WANG AND KRZYSZTOF MATYJASZEWSKI, "Controlled/Living" Radical Polymerization. Halogen Atom Transfer Radical Polymerization Promoted by a Cu(I)/Cu(II) Redox Process". Reprinted from Macromolecules, 1995, 28. Department of Chemistry, Carnegie Mellon University. Received May 2, 1995; Revised Manuscript Received August 14, 1995.	
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		MATYJASZEWSKI, K.; XIA, J. Chem. Rev. 2001, 101, 2921-2990.	
		MINGLI WEI, JIANHUI XIA, NANCY E. MCDERMOTT AND KRZYSZTOF MATYJASZEWSKI, "Atom Transfer Radical Polymerization of Styrene in the Presence of Iron Complexes", Polymer Preprints, 38(2), 231 (1997), Department of Chemistry, Carnegie Mellon University.	
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		QUEFFELEC, J.; GAYNOR, S.G.; MATYJASZEWSKI, K. Macromolecules 2000, 33, 8629-8639.	

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		Application Number	09/972,056
		Filing Date	October 5, 2001
		First Named Inventor	Matyjaszewski
		Art Unit	1713
		Examiner Name	Harlan
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		SIMION COCA, CHRISTINA B. JASIECZEK, KATHRYN L. BEERS AND KRZYSZTOF MATYJASZEWSKI, "Polymerization of Acrylates by Atom Transfer Radical Polymerization. Homopolymerization of 2-Hydroxyethyl Acrylate", Journal of Polymer Science, 1998, pp.1417-1424, Vol. 36, Part A: Polymer Chemistry.	
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		WANG ET AL., "Living"/Controlled Radical Polymerization, Transition-Metal-Catalyzed Atom Transfer Radical Polymerization in the Presence of a Conventional Radical Initiator", Macromolecules, 1995, Vol. 28, pp. 7572-7573.	
		WANG, J.-S.; MATYJASZEWSKI, K., J. Am. Chem. Soc. 1995, 117, 5614-5615.	
		XIA J. AND MATYJASZEWSKI K., "Controlled/ "Living" Radical Polymerization. Homogenous Reverse Atom Transfer Radical Polymerization Using AIBN as the Initiator," Macromolecules, 1997, pp. 7692-7696, vol. 30.	

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